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Sequence Listing was accepted.
If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).
Reviewer: Durreshwar Anjum
Timestamp: [year=2009; month=12; day=18; hr=10; min=39; sec=22; ms=322;
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Application No: 10583840   Version No: 3.0

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Output Set:

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Total Errors:	0
No. of SeqIDs Defined:	18
Actual SeqID Count:	18

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<140>   10583840
<141>   2009-12-02

<150>   KR 10-2005-0059907
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cactgcatcg actgcgacat caccgactgg gatagcaccc gccaggcctt cgacatggtg     240

cacgagactg tcggcccgat cgatgtattg gtcaacaatg ccggcatcac ccgcgacggc     300

actttccgca agatgtcccc ggaaaactgg aaggcggtga tcgataccaa tctcaccggc     360

ctgttcaaca caaccaagca ggtcatcgag ggcatgctgg ccaagggctg gggacgcgtc     420

atcaacatct cctcaatcaa tggccagcga ggccagttcg ggcagaccaa ctactccgcg     480

gncaaggctg gcattcatgg cttcagcatg gccttggccc gcgaggtgag tggcaagggc     540

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ccggacatcc tcgaagacat gattactggc attcccgtgg ccgtctcgg ccagcccgag      660

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accgctctgg atagcagtca ggtggatgaa gtgatactcg gccacgtact caccgccggt     180

gctggcagaa taccgctcgc caggcancng gtcatcgccg gcctgccaca cgccgtaccg     240

gcgatgaccc tgaacaaggt ctgtggctcc ggcctgaaag ccctgcacct gggcgcccag     300

gccatccgct gtggcgatgc cgaggtggtg attgccggtg gcatggagaa catgagcctg     360

tcgtcctatg tcctgcccaa ggcccgcacc ggcctgcgca tgggccacgc gcagctggtc     420
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gacagcatga tcgtcgacgg cctgtgggac gccttcaacg actaccacat ggggatcact   480

gccgagaacc tggtagacaa gtacggcatc agccgcgaag cccaggacga attcgccgcc   540

gcctcgcagc agaaagccgt ggccgccatc gagaccggtc gcttccgcga cgagatcgtc   600

ccggtgagca ttccgcagcg caagggcgag gcgctgagct cgacaccga cgaacagcca   660

cgcgccggca ccaccgccga gtcgctgggc aagctgaaac cggccttcaa gaacgacggc   720

agcgttactg ccggcaacgc ttccagtctc aacgacggcg ccgccgcggt actgctgatg   780

agtgcggcaa aggccgcagc gcttggtctg ccagtgctgg cgaagatcgc cgcctacgcc   840

aatgccggcg tcgacccggc gatcatgggt atcggaccgg tgtcggccac ccgcagttgc   900

ctggagaagg cgggctggag tctggcagag ctggatctga tcgaggccaa tgaagccttc   960

gcggcccagg ccctggccgt gggtcaggag ctgggctggg atgctggcag ggttaacgtc   1020

aacggcggcg ccatcgccct cggccacccc attggcgcct ccggctgccg cgtactggtc   1080

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<213>   Pseudomonas sp. HJ-2

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caaagccagt ggttcgacgt acctgtcgag gcgttggagc aactgcaggc ggactaccaa   180

caacagtggg ccgaacttgg ccagcaattg ctgagctgcc agccgttcgc attcagcgat   240

cgtcgcttcg ccagtggcaa ctggagcgaa ccgctgttcg gttccctggc tgccttctac   300

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ttgggcgatt tcgaagtcgg cgtgaatctg gccaccaccc ctggtgccgt ggtactggaa   600

acccctctgt tccagctgat ccagtattcg ccgctcagcg aaacgcaata ccagcggccg   660

atattcatgg tcccgccctg gatcaacaag tactacatcc ttgacctcgg gcccgaaaac   720

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tctctaatcc gtcatctact ggagcgaggc catcaagttt ttctgatgtc ctggcgcaac          780

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atcggcggca ccatgctgag ttgcgctcta gcggtgctgg cagcgcgtgg cgaccaggac          960

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aagttggatc tgcgggccat agacgcacca gcctacatct tgggaaccca tgacgaccac          1380

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gacggcactt ccgcaagat gtccccggaa aactggaagg cggtgatcga taccaatctc   480

accggcctgt tcaacacaac caagcaggtc atcgagggca tgctggccaa gggctgggga   540

cgcgtcatca acatctcctc aatcaatggc cagcgaggcc agttcgggca gaccaactac   600

tccgcggnca aggctggcat tcatggcttc agcatggcct tggcccgcga ggtgagtggc   660

aagggcgtga ccgtcaatac ggtttcccct ggctacatca agaccgacat gaccgcggcg   720

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cccgaggaga tcgcctcgat cgtggcctgg ctggcctccg atcagtctgc ctatgccacc   840

ggcgccgact tctcggtgaa tggcggcatg aacatgcagt gatgcgccat tcgcgccctc   900

gctcagccat gacatgaggt gttccagatg atcgaagtcg ttatcgtcgc cgccactcgc   960

accgccatcg gcgctttcca ggggagcctg gccggcactc ccgccgttga ctgggcgcc   1020

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accggtcgct tccgcgacga gatcgtcccg gtgagcattc cgcagcgcaa gggcgaggcg   1560

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ttcatcgcca gcttcgtcct gcagcaactg cgcttatacg tggcgcaaaa tacttggttc        2340

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gcggactacc aacaacagtg ggccgaactt ggccagcaat tgctgagctg ccagccgttc        2460

gcattcagcg atcgtcgctt cgccagtggc aactggagcg aaccgctgtt cggttccctg        2520

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ggccatggtg gcaaatgtgg cctgttccgc ggtgaggaca tgggcaatac cttctccctg        3360

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ccgctggctc tgggtctact gttctggaac aacgacagca ccaatctgcc ggggcccctg        3480

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tatgccggcc cacgcaagcc tgccatcact atgctgggca gtgccgagta cccccccgctt        3900

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<213>   Pseudomonas sp. HJ-2

<220>
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<222>   (161)
<223>   Xaa = Asp, Ala, Gly or Val

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Met Gly Gly Ile Gly Thr Ala Ile Ser Gln Arg Leu His Arg Asp Gly
             20   25   30

Phe Thr Val Val Val Gly Cys Asn Pro Tyr Ser Ser Arg Lys Ala Ser
         35   40   45

Trp Ile Ala Thr Gln Leu Glu Ala Gly Phe His Phe His Cys Ile Asp
     50   55   60

Cys Asp Ile Thr Asp Trp Asp Ser Thr Arg Gln Ala Phe Asp Met Val
 65   70   75   80

His Glu Thr Val Gly Pro Ile Asp Val Leu Val Asn Asn Ala Gly Ile
                 85   90   95

Thr Arg Asp Gly Thr Phe Arg Lys Met Ser Pro Glu Asn Trp Lys Ala
             100   105   110

Val Ile Asp Thr Asn Leu Thr Gly Leu Phe Asn Thr Thr Lys Gln Val
         115   120   125

Ile Glu Gly Met Leu Ala Lys Gly Trp Gly Arg Val Ile Asn Ile Ser
     130   135   140
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Ser Ile Asn Gly Gln Arg Gly Gln Phe Gly Gln Thr Asn Tyr Ser Ala
145                 150                 155                 160

Xaa Lys Ala Gly Ile His Gly Phe Ser Met Ala Leu Ala Arg Glu Val
                165                 170                 175

Ser Gly Lys Gly Val Thr Val Asn Thr Val Ser Pro Gly Tyr Ile Lys
                180                 185                 190

Thr Asp Met Thr Ala Ala Ile Arg Pro Asp Ile Leu Glu Asp Met Ile
                195                 200                 205

Thr Gly Ile Pro Val Gly Arg Leu Gly Gln Pro Glu Glu Ile Ala Ser
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Ile Val Ala Trp Leu Ala Ser Asp Gln Ser Ala Tyr Ala Thr Gly Ala
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Asp Phe Ser Val Asn Gly Gly Met Asn Met Gln
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<221>      variation
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<220>
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Phe Gln Gly Ser Leu Ala Gly Thr Pro Ala Val Glu Leu Gly Ala Thr
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Val Ile Arg Arg Leu Leu Glu Gln Thr Ala Leu Asp Ser Ser Gln Val
        35                  40                  45

Asp Glu Val Ile Leu Gly His Val Leu Thr Ala Gly Ala Gly Arg Ile
    50                  55                  60

Pro Leu Ala Arg Xaa Xaa Val Ile Ala Gly Leu Pro His Ala Val Pro
65                  70                  75                  80

Ala Met Thr Leu Asn Lys Val Cys Gly Ser Gly Leu Lys Ala Leu His
                85                  90                  95

Leu Gly Ala Gln Ala Ile Arg Cys Gly Asp Ala Glu Val Val Ile Ala
        100                 105                 110

Gly Gly Met Glu Asn Met Ser Leu Ser Ser Tyr Val Leu Pro Lys Ala
        115                 120                 125

Arg Thr Gly Leu Arg Met Gly His Ala Gln Leu Val Asp Ser Met Ile
    130                 135                 140

Val Asp Gly Leu Trp Asp Ala Phe Asn Asp Tyr His Met Gly Ile Thr
145                 150                 155                 160

Ala Glu Asn Leu Val Asp Lys Tyr Gly Ile Ser Arg Glu Ala Gln Asp
            165                 170                 175

Glu Phe Ala Ala Ala Ser Gln Gln Lys Ala Val Ala Ala Ile Glu Thr
            180                 185                 190

Gly Arg Phe Arg Asp Glu Ile Val Pro Val Ser Ile Pro Gln Arg Lys
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Gly Glu Ala Leu Ser Phe Asp Thr Asp Glu Gln Pro Arg Ala Gly Thr
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